

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "GENETICS INSTITUTE, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "GENETICS INSTITUTE, INC." TO "GENETICS INSTITUTE, LLC", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF DECEMBER, A.D. 2001, AT 9 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE FIRST DAY OF JANUARY, A.D. 2002, AT 12:01 O'CLOCK A.M.



Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1546227

DATE: 01-08-02

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020012014

STATE OF DELANARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 09:00 AM 12/28/2001 010675965 - 0904549

CERTIFICATE OF CONVERSION

CONVERTING

GENETICS INSTITUTE, INC.
(A Delaware Corporation)

TO

GENETICS INSTITUTE, LLC (A Delaware Limited Liability Company)

This Certificate of Conversion is being filed for the purpose of converting Genetics Institute, Inc., a Delaware corporation (the "Converting Corporation"), to a Delaware limited liability company to be named "Genetics Institute, LLC" (the "Company") pursuant to Section 266 of the Delaware General Corporation Law, 8 <u>Del. C.</u> §§ 101 st and (the "DeCL"), and Section 18-214 of the Delaware Limited Liability Company Act, 6 <u>Del. C.</u> §§ 18-101 st seq. (the "Delaware LLC Act").

The undersigned, as an authorized person of the Converting Corporation and the Company, does hereby certify as follows:

- 1. Name of Converting Corporation. The name of the Converting Corporation immediately prior to the filing of this Certificate of Conversion, was "Genetics Institute, Inc." The name of the Converting Corporation under which it was originally incorporated was "Genetics Institute."
- 2. <u>Date and Jurisdiction of Incorporation of Converting Corporation</u>. The date on which, and the jurisdiction where, the Converting Corporation was incorporated, which jurisdiction has not changed, are as follows:

Date

Jurisdiction

December 12, 1980

Delaware

- Delaware limited liability company to which the Converting Corporation is being converted and the name set forth in the Certificate of Formation of the Company filed in accordance with Section 18-214(b) of the Delaware LLC Act is "Genetics Institute, LLC."
- 4. Approval of Conversion. The conversion of the Converting Corporation to the Company has been approved in accordance with the provisions of Section 266 of the DGCL and Section 18-214 of the Delaware LLC Act.
 - 5. Effective Time. This Cartificate shall be effective on January 1, 2002 at 12:01 a.m.

6. Continuation. The conversion shall constitute a continuation of the existence of the Converting Corporation, Genetics Institute, Inc., in the form of and as a Delaware limited liability company, Genetics Institute, LLC.

IN WITNESS WHEREOF, the undersigned have executed this Certificate of Conversion as of the 26th day of December, 2001.

GENETICS INSTITUTE, INC.

Mck M O'Connor

Treasurer

Docket No: GENETICS
Patent Applications

Recordation Form Cover Sheet Patent Applications

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

To the Commissioner for Patents: Please record the attached original document:

Certificate of the Secretary of State of Delaware showing the conversion of Genetics Institute, Inc. from a Delaware Corporation to a Delaware Limited Liability Company and changing its name to Genetics Institute, LLC.

1.	Submission Type New Resubmission (Non-Recordation) Document ID # Correction of PTO Error Reel # Frame # Corrective Document Reel # Frame #
2.	Conveyance Type: Assignment License Security Agreement Change of Name Merger
3.	Conveying party(ies):
	Genetics Institute, Inc.
	Additional name(s) of conveying party(ies) attached: Yes No
	Execution Date: January 1, 2002
4.	Receiving party(ies):
	GENETICS INSTITUTE, LLC 87 Cambridge Park Drive Cambridge, MA 02140
Ad	ditional name(s) and address(es) attached: Yes No
5.	Correspondent address:
	Kay E. Brady Wyeth Patent Law Department Five Giralda Farms Madison, NJ 07940-0874

Tel. No. (973) 683-2130

Docket No: GENETICS
Patent Applications

6.	 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is A. Patent Application Number(s): See Attached Schedule B. Patent Number(s): C. Patent Cooperation Treaty (PCT) Application Number(s) (only if a U.S. Application Number has not been assigned): Additional numbers attached:
7.	Pages: Enter the total number of pages of the attached conveyance document including any attachments: 9
8.	Total number of properties involved: 137
9.	Total Fee (37 CFR 3.41): \$5,480.00 Enclosed Authorized to be charged to deposit account.
10.	Deposit Account Number: 07-1060 Authorization is given to charge any additional fees to deposit account. (Attach duplicate copy of this page if paying by deposit account).
11.	Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.
	3-28-02 Egon E. Berg Assistant Secretary Reg. No. 21,117
	Customer No. 25291

Certificate of Mailing 37 CFR §1.10

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EVOSDIZISLY US addressed to the Commissioner for Patents, Box Assignments, Washington, DC 20231

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JUNE 06, 2002

PTAS

Commissioner for Trademarks Arlington, VA 22202-3513 www.uspto.gov

WYETH KAY E. BRADY PATENT LAW DEPARTMENT FIVE GIRALDA FARMS MADISON, NEW JERSEY 07940-0874



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/29/2002

REEL/FRAME: 012772/0631

NUMBER OF PAGES: 10

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GENETICS INSTITUTE, INC.

DOC DATE: 01/01/2002

ASSIGNEE:

GENETICS INSTITUTE, LLC 87 CAMBRIDGE PARK DRIVE CAMBRIDGE, MASSACHUSETTS 02140

SERIAL NUMBER: 09859722

FILING DATE: 05/17/2001

ISSUE DATE:

PATENT NUMBER:

SERIAL NUMBER: 09903876

FILING DATE: 07/11/2001

PATENT NUMBER:

ISSUE DATE:

SERIAL NUMBER: 08224835

FILING DATE: 04/08/1994

PATENT NUMBER:

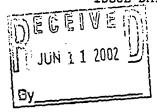
ISSUE DATE:

SERIAL NUMBER: 08446200

FILING DATE: 05/19/1995

PATENT NUMBER:

ISSUE DATE:



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PATENT NUMBER:

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SERIAL NUMBER: 09780601

012772/0631 PAGE 2

FILING DATE: 03/27/2001 SERIAL NUMBER: 09819157 ISSUE DATE: PATENT NUMBER: FILING DATE: 06/05/2001 SERIAL NUMBER: 60296402 ISSUE DATE: PATENT NUMBER: FILING DATE: 01/26/2001 SERIAL NUMBER: 09772103 ISSUE DATE: PATENT NUMBER: SERIAL NUMBER: 09716928 FILING DATE: 11/20/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 60324528 FILING DATE: 09/26/2001 PATENT NUMBER: ISSUE DATE: FILING DATE: 05/04/2001 SERIAL NUMBER: 60288637 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 07205967 FILING DATE: 06/13/1988 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 07661113 FILING DATE: 02/26/1991 ISSUE DATE: PATENT NUMBER: FILING DATE: 05/08/1993 SERIAL NUMBER: 08069667 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 07655578 FILING DATE: 03/04/1991 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 07765281 FILING DATE: 09/25/1991 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 08344769 FILING DATE: 11/23/1994 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09816299 FILING DATE: 03/23/2001 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09804625 FILING DATE: 03/09/2001 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 08319831 FILING DATE: 10/06/1994 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 08750222 FILING DATE: 12/04/1996 PATENT NUMBER: 6034061 ISSUE DATE: 03/07/2000 SERIAL NUMBER: 07757022 FILING DATE: 09/10/1991

ISSUE DATE:

ISSUE DATE:

FILING DATE: 02/09/2001

SERIAL PATENT	NUMBER: NUMBER:	09874628	FILING DATE: 06/05/2001 ISSUE DATE:
SERIAL PATENT	NUMBER: NUMBER:	08919850	FILING DATE: 08/28/1997 ISSUE DATE:
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		08966297	
SERIAL PATENT	NUMBER: NUMBER:	08877289	FILING DATE: 02/12/1999 ISSUE DATE:
SERIAL PATENT	NUMBER: NUMBER:	09935144	FILING DATE: 08/21/2001 ISSUE DATE:
SERIAL PATENT	NUMBER: NUMBER:	08146860 H001532	FILING DATE: 11/03/1993 ISSUE DATE: 05/07/1996
SERIAL PATENT	NUMBER: NUMBER:	08233663 6372716 08989543	FILING DATE: 04/26/1994 ISSUE DATE: 04/16/2002
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SERIAL NUMBER: 08946839 FILING DATE: 10/08/1997

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FILING DATE: 05/11/2000

ISSUE DATE:

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SERIAL NUMBER: PATENT NUMBER:	09672448	FILING DATE:	09/29/2000
SERIAL NUMBER: PATENT NUMBER:	09431979	FILING DATE: ISSUE DATE:	10/29/1999
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SERIAL NUMBER: 09687283 FILING DATE: 10/13/2000

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SERIAL NUMBER: 09780532 FILING DATE: 02/09/2001

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09825580 FILING DATE: 04/02/2001

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SERIAL NUMBER: 09805800 FILING DATE: 03/13/2001

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 60241469 FILING DATE: 10/18/2000

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09978979 FILING DATE: 10/16/2001

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 10057487 FILING DATE:

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09565316 FILING DATE: 05/05/2000

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09854906 FILING DATE: 05/14/2001

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09981953 FILING DATE: 10/18/2001

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09413232 FILING DATE: 10/06/1999

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08866025 FILING DATE: 05/30/1997

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 10040916 FILING DATE: 01/07/2002

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09902535 FILING DATE: 07/09/2001

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 10016249 FILING DATE: 10/30/2001

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 08701931 FILING DATE: 08/23/1996

PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09292550 FILING DATE: 04/15/1999 PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09398829 FILING DATE: 09/17/1999
PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09502967 FILING DATE: 02/11/2000 PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09746783 FILING DATE: 12/21/2000 PATENT NUMBER: ISSUE DATE:

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SERIAL NUMBER: 09212843 FILING DATE: 12/16/1998 PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09266105 FILING DATE: 03/10/1999 PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09650341 FILING DATE: 08/28/2000 PATENT NUMBER: ISSUE DATE:

SERIAL NUMBER: 09306111 FILING DATE: 05/06/1999
PATENT NUMBER: ISSUE DATE:

ALLYSON PURNELL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



DECLARATION and POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

USE OF IL-12 AND IL-12 ANTAGONISTS IN THE TREATMENT OF AUTOIMMUNE DISEASES

(check one)	n of which	is attached hereto.	•
		was filed on <u>March 14</u> , Application Serial No. <u>08/</u> and was amended on <u></u>	212,619
		wed and understand the con amended by any amendment	ntents of the above-identified referred to above.
	this application in		aware which is material to the Code of Federal Regulations,
foreign applicati below any foreig	on(s) for patent or	inventor's certificate list ed latent or inventor's certificate	tates Code, Section 119 of any below and have also identified having a filing date before that
	polication(s)		
Prior Foreign A	pp(b)		
Prior Foreign A Number	Country	Filing Date	Priority Claimed
		Filing Date	Priority Claimed YES/NO

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the

first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status ——————
I hereby appoint the followin the Patent and Tradema	ving attorneys to prose	secute this application and to transact all busine therewith:
Bruce M. Eisen, Reg. No Thomas J. DesRosier, Reg. Reg. No. Ellen J. Kapinos, Reg. No. Mary Bak, Reg. No. 31,2 M. C. Meinert, Reg. No. Steven R. Lazar, Reg. No. Scott A. Brown, Reg. No.	22,847 g. No. 30,168 o. 32,245 31,544 o. 32,618 . 32,724	
Address all telephone call correspondence to LEGA Drive, Cambridge, Mass	L AFFAIRS, GENE	at Telephone No. (617) 498-8224. Address a ETICS INSTITUTE, INC., 87 CambridgePar
statements made on information statements were made with	mation and belief at h the knowledge that	ein of my own knowledge are true and that a tree believed to be true; and further that these willful false statements and the like so made ander Section 1001 of Title 18 of the United State propardize the validity of the application or an
Full name of sole or first Inventor's signature	inventor John Le	eonard S/5/94 Date
Residence 111 Heath	ier Circle, Auburn, N	New Hampshire 03032
Citizenship Ireland		
Post Office Address	111 Heather Circle, A	Auburn, New Hampshire 03032

Full name of second joint inventor Samuel Goldman
Inventor's signature famult bold Date
na humana 01770
Residence 9 Mohawk Drive, Acton, Massachusetts 01720
Citizenship United States
Post Office Address 9 Mohawk Drive, Acton, Massachusetts 01720
Full name of third joint inventor Richard O'Hara, Jr.
Inventor's signature X 2 5/5/94
Date '
Residence 65 Tyler Street, Quincy, Massachusetts 02170
Citizenship United States
Post Office Address 65 Tyler Street, Quincy, Massachusetts 02170

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DATE: 02/07/95

TO:

GENETICS INSTITUTE, INC. SCOTT A. BROWN LEGAL AFFAIRS 87 CAMBRIDGEPARK DRIVE CAMBRIDGE, MA 02140

N06C

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

DOC DATE: 12/21/94

LEONARD, JOHN P.

ASSIGNOR:

DOC DATE: 12/21/94

GOLDMAN, SAMUEL

ASSIGNOR:

DOC DATE: 12/20/94

O'HARA, RICHARD, JR.

RECORDATION DATE: 12/27/94 NUMBER OF PAGES 005

REEL/FRAME 7269/0793

DIGEST: ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

GENETICS INSTITUTE, INC. LEGAL AFFAIRS 87 CAMBRIDGEPARK DRIVE CAMBRIDGE, MA 02140

& Timbre of

SERIAL NUMBER

8-212629

FILING DATE 03/14/94

PATENT NUMBER

ISSUE DATE 00/00/00

EXAMINER/PARALEGAL

ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION

MEARM PTO-1595	U.S.DEPARTMENT OF COMMERCE
71-3 92	Patent and Trademark Office
	ORM COVER SHEET NTS ONLY
	ase record the attached original documents or copy thereof.
warme of conveying party(ies):	2 Name and address of receiving party(ies):
John P. LEONARD	Name: Genetics Institute, Inc.
111 Heather Circle	Name. Genetics institute, inc.
Auburn, New Hampshire 03032	
U.S.A.	Internal Address: Legal Affairs
Additional names(s) of conveying party(ies) attached? [X]Yes []No	
3, Nature of Conveyance:	-
[X]Assignment []Merger	Street Address: 87 CambridgePark Drive
[]Security Agreement []Change of Name []Other	
•	
Execution Date: December 20 and 21, 1994	City Cambridge State MA ZIP
	Additional names(s) & address(es) attached? []Yes [X]No
(4) Application number(s) or patent number(s): 08/212,629	
7	
If this document is being filed together with a new application,	the execution date of the application is: N/A
	
A. Patent Application No.(s) 08/212,629	B. Patent No.(s)
Additional numbers attac	ched? []Yes [X]No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:[1
concerning document should be mailed:	
I DO AL ADDA DO	7 7 11 5 7777772 41)
LEGAL AFFAIRS	7. Total fee (37CFR3.41)
GENETICS INSTITUTE, INC. 87 CAMBRIDGEPARK DRIVE	[] Enclosed [X] Authorized to be charged to deposit account
CAMBRIDGE, MASSACHUSETTS 02140	[X]Audionzed to be charged to deposit account.
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	(Attach duplicate copy of this page if paying by deposit account)
DO NOW 10	
DO NOT US	E THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing informa	ition is true and correct and any attached conv is a true con-
original document.	
Scott Rome Suddie	12 /a lad
Scott A. Brown Name of the Person Signing Signature Signature	12/22/94 Date
SCOTT A. BROWN Name of the Person Signing Signature	Total number of pages comprising cover sheet (2-)
	Total number of pages comprising cover sheet 12-1
OMB No. 0651-0011 (csp.494) 01 /17 /05 05212/25	
OMB No. 0651-0011 (cm, 40%)	

Commissioner of Patents and Trademarks Box Assignments
Washington, D.C. 20231

93734068

thereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Petente and Irademarks, Washington, DC 20231.01

USSN 08/212,629 Leonard, et al.

1. Name of conveying party(ies) (CONT.):

Samuel GOLDMAN 9 Mohawk Drive Acton, Massachusetts 01720 U.S.A.

Richard O'HARA, Jr. 65 Tyler Street Quincy, Massachusetts 02170 U.S.A. I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 2023, p. 100 PM

GI 5229 USSN 08/212,629 Filing Date 3/14/94 Group Art Unit 1806

ASSIGNMENT

In consideration of good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

John P. LEONARD, Samuel GOLDMAN and Richard O'HARA, Jr.

residing at:

111 Heather Circle, Auburn, New Hampshire U. S.A. 03032 9 Mohawk Drive, Acton, Massachusetts U.S.A. 01720 65 Tyler Street, Quincy, Massachusetts U.S.A. 02170

, respectively,

hereby sell, assign and transfer to GENETICS INSTITUTE, INC., a corporation of the State of Delaware having a place of business at 87 CambridgePark Drive, Cambridge, in the County of Middlesex, and the State of Massachusetts, United States of America, their successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned and is entitled:

USE OF IL-12 AND IL-12 ANTAGONISTS IN THE TREATMENT OF AUTOIMMUNE DISEASES

(GI Case No. 5229) and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorized and request the Commissioner of Patents of the United States to issue to said Assignees, the corporations above named, their successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignees may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under

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any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignees, their successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignees, their successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings, and generally do everything possible which said Assignees, their successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignees, their successors, assigns and legal representatives; and

COVENANTS with said Assignees, their successors, assigns, and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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12-21-94	Ohn bound.
Date	JOHN P. LEONARD
12-21-94	Hemul Folder
Date	SĂMUEL GOLDMAN
30 Dec M	2 d 01/2 k
Date	RICHARD O'HARA, JR.

GI 5229 USSN 08/212,629 Filing Date March 14, 1994 Group Art Unit 1806
Commonwealth of Massachusetts) County of Middlesol) ss.
Subscribed and sworn to before me by the above-named JOHN P. LEONARD this day of <u>Accumber</u> , 19 94
ALEXANDRIA M.L. NIEDZWIECKI Notary Public Notary Public My Commission Expires July 1, 1999 My Commission Expires July 1, 1999
Commonwealth of Massachusetts) County of middlessey) ss.
Subscribed and sworn to before me by the above-named SAMUEL GOLDMAN this day of Occambos, 1994.
Motory Public My Commission Expires July 1, 1959 My Commission Expires July 1, 1959 My Commission Expires July 1, 1959 My Commission Expires: 2/1/95
Commonwealth of Massachusetts) County of medolls) ss.
Subscribed and sworn to before me by the above-named RICHARD O'HARA, JR. this day of <u>Coember</u> , 1984. **Incommon M.L. Muffer
ALEXANDRIA M.L. NIEDZWIECKI Notary Public My Commission Expires July 1, 1999 My Commission Expires July 1, 1999

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